

CLAIMS

1. A method of managing manufacturing test files among a plurality of manufacturing test stations for testing products, the method comprising:

obtaining a test file having a test file name;

assigning a unique identifier to the test file;

associating enforcement criteria with the test file;

storing the test file, test file name, the unique identifier and the enforcement criteria;

and

distributing the test file to a test station in response to the enforcement criteria.

2. The method of claim 1 wherein the enforcement criteria includes an enforcement criteria test station identifier.

3. The method of claim 2 further comprising comparing a test station identifier associated with the test station to the enforcement criteria test station identifier, said distributing being performed when the test station identifier matches the enforcement criteria test station identifier.

4. The method of claim 1 wherein the enforcement criteria includes an enforcement criteria product identifier.

5. The method of claim 4 further comprising comparing a product identifier associated with the test station to the enforcement criteria product identifier, said distributing being performed when the product identifier matches the enforcement criteria product identifier.

6. The method of claim 1 wherein the enforcement criteria includes support file criteria.
7. The method of claim 6 further comprising locating support test files associated with the test file in response to the support file criteria and distributing the support test files to the test station.
8. The method of claim 1 wherein the enforcement criteria includes a test station configuration file defining a configuration of the test station.
9. The method of claim 8 wherein said distributing includes:
 - accessing the test station configuration file;
 - determining from the test file configuration file if the test station is configured to test a product; and
 - providing the test file to the test station if the test station is configured to test the product.
10. The method of claim 9 wherein the test station configuration file includes hardware components associated with the test station, the hardware components associated with the test station including test equipment.
11. The method of claim 1 wherein said distributing occurs periodically at a predetermined interval.
12. The method of claim 1 wherein said distributing occurs upon an operator accessing the test station.
13. The method of claim 1 wherein said distributing occurs upon said storing.

14. The method of claim 1 further comprising performing an audit of the test station, said performing an audit including:

obtaining a reported file identifier from the test station;

comparing the reported file identifier to the unique identifier;

classifying the test file as illegal if the reported file identifier and the unique identifier do not match; and,

deleting illegal files from the test station.

15. The method of claim 1 wherein the product is an optical communications network component.

16. A system for managing manufacturing test files among a plurality of manufacturing test stations for testing products, the system comprising:

a test station;

a network coupled to said test station;

an administrative system coupled to said network;

a database coupled to said network; and

a file server coupled to said network, said file server storing a test file, the test file having a unique identifier and enforcement criteria associated therewith;

said test station receiving the test file in response to the enforcement criteria.

17. The system of claim 16 wherein the enforcement criteria includes an enforcement criteria test station identifier.

18. The system of claim 17 wherein said test station receives the test file from said file server when a test station identifier associated with said test station matches the enforcement criteria test station identifier.

19. The system of claim 16 wherein the enforcement criteria includes an enforcement criteria product identifier.

20. The system of claim 19 wherein said test station receives the test file from said file server when a product identifier associated with said test station matches the enforcement criteria product identifier.

21. The system of claim 16 wherein the enforcement criteria includes support file criteria.

22. The system of claim 21 wherein said test station receives support test files from said file server in response to the support file criteria.

23. The system of claim 16 wherein the enforcement criteria includes a test station configuration file defining a configuration of said test station.

24. The system of claim 23 wherein said administrative system:

accesses the test station configuration file;

determines from the test file configuration file if said test station is configured to test a product; and

provides the test file to said test station if the test station is configured to test the product.

25. The system of claim 24 wherein the test station configuration file includes hardware components associated with said test station, said hardware components associated with said test station including test equipment.

26. The system of claim 16 wherein said test station periodically receives test files at a predetermined interval.

27. The system of claim 16 wherein said test station receives test files upon an operator accessing said test station.

28. The system of claim 16 wherein said test station receives test files upon storing of the test file in said database.

29. The system of claim 16 wherein said administrative system performs an audit of said test station, the audit including:

obtaining a reported file identifier from said test station;

comparing the reported file identifier to the unique identifier;

classifying the test file as illegal if the reported file identifier and the unique identifier do not match; and,

initiating deletion of illegal files from said test station.

30. The system of claim 16 wherein the product is an optical communications network component.